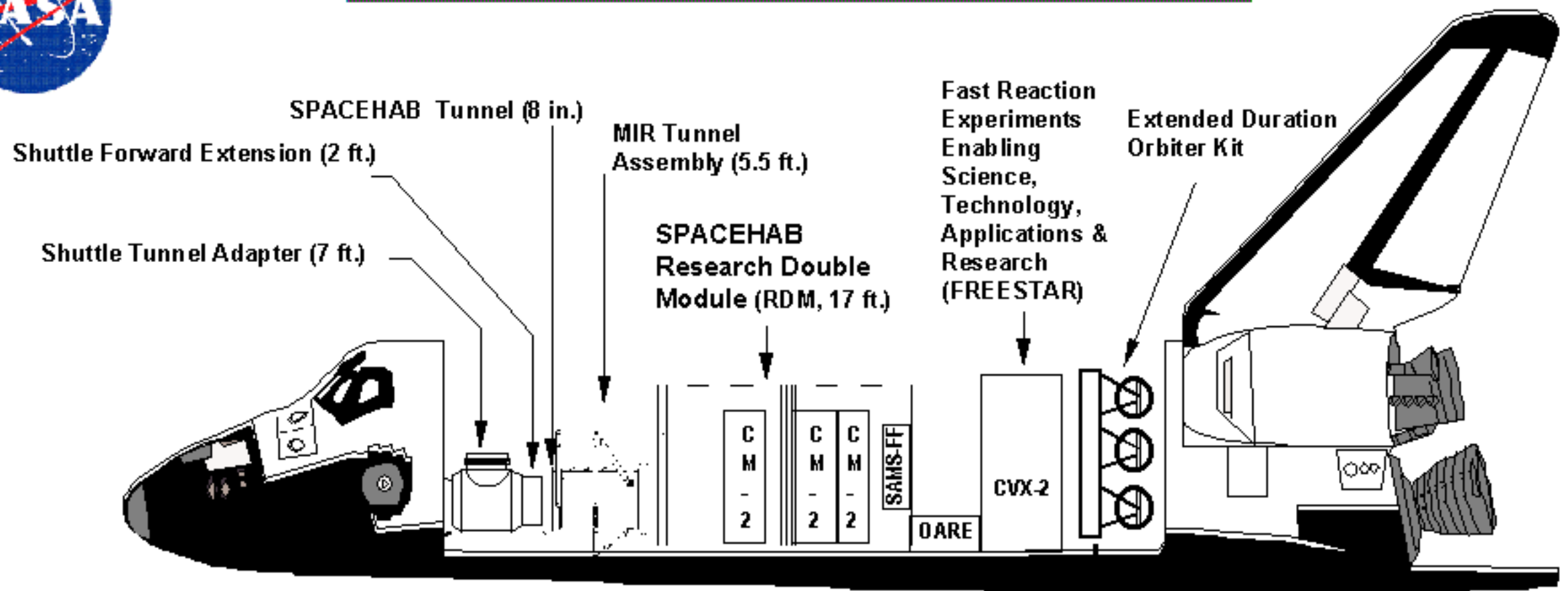


Shuttle/Columbia: STS-107 Mission



Mission Overview

Launch Date: Fall 2001

Vehicle: Columbia/OV-102

Duration: 16 days

Altitude/Inclination: 150 NM/39°

Crew: Commander—Rick Husband; Pilot—William McCool; Payload Commander—Mike Anderson; Mission Specialists—David Brown, Kalpana Chawla, and Laurel Clark; Payload Specialist—Ilan Ramon (Israel)

Payloads: SPACEHAB RDM & FREESTAR

Research Areas: Biological & Physical Sciences (combustion, fluids, biotech), Space Product Development (commercial), Biomedical Research & Countermeasures (humans), Fundamental Biological Research (plants & animals), Earth Science (Israel camera), Commercial (100% private funding)

NASA-Glenn Payloads: Combustion Module-2 (CM-2) with Laminar Soot Processes-2 (LSP-2), Structures of Flame Balls at Low Lewis-number-2 (SOFBALL-2), and Water Mist Fire-Suppression Experiment (Mist), Space Acceleration Measurement System-Free Flyer (SAMS-FF), Orbital Acceleration Research Experiment (OARE), and Critical Viscosity of Xenon-2 (CVX-2) [Note: See individual fact sheets for more information and Web site addresses.]